

IN THE SPECIFICATION

Please amend paragraph [0068] as follows:

FIG. 3 illustrates a reception device according to one embodiment of the invention. The device comprises an array of antennae (300.sub.1) . . . (300.sub.L). Each antenna (300i) is connected to a battery of suitable filters (310.sub.i), $i=1 \dots p$, each filter (310.sub.1) being adapted to a path i . The outputs of the different filters (310.sub.i) relating to the same path i are connected to a conjoint estimation module (330.sub.i) implementing the estimation method described above and supplying a triplet of estimated values ($\{\hat{\theta}\}_{\text{sub}.i}$, $\{\hat{\nu}\}_{\text{sub}.i}$, $\{\hat{\alpha}\}_{\text{sub}.i}$). The estimation is effected in parallel for all the paths. The output signals relating to the same path $i=1 \dots P$ are also directed to channel beam formation means (320.sub.1, . . . , 320.sub.p). The estimated value $\{\hat{\theta}\}_{\text{sub}.i}$ supplied by the conjoint estimation module to the channel beam former (320.sub.i) enables the latter to point its reception beam in the direction of arrival of the path i . In a variant embodiment which is not shown, each channel beam former (320.sub.i) also receives the estimated values $\{\hat{\theta}\}_{\text{sub}.i'}$ supplied by the other estimators (330.sub.i'), $i' \neq i$, of the paths i' of the same user. This enables the channel beam former (320.sub.i) to place zeros in the reception diagram for the directions concerned ($\{\hat{\theta}\}_{\text{sub}.i'}$, $i' \neq i$) so as best to separate the signals received from different paths. The estimated values $\{\hat{\nu}\}_{\text{sub}.i}$ and $\{\hat{\alpha}\}_{\text{sub}.i}$ are transmitted to a complex multiplier (340.sub.i), which multiplies the output signal of the channel beam former (320.sub.i) by the complex coefficient $\{\hat{\alpha}\}_{\text{sub}.i} \cdot \{\hat{\nu}\}_{\text{sub}.i}^*$, the conjugate of the complex coefficient of the channel. The outputs of the P multipliers are then

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summed in a summer (350) in order to supply an output of the MRC (Maximum Ratio Combining) type.

Please amend the Abstract on page 16 as shown on the following page: